UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

NOTICE OF ALLOWANCE AND FEE(S) DUE

27975

7590

11/17/2005

ALLEN, DYER, DOPPELT, MILBRATH & GILCHRIST P.A. 1401 CITRUS CENTER 255 SOUTH ORANGE AVENUE P.O. BOX 3791 ORLANDO, FL 32802-3791

EXAMINER

LE, DINH THANH

ART UNIT PAPER NUMBER

2816

DATE MAILED: 11/17/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/761,046	01/20/2004	John Roger Coleman	GCSD-1491 (51358)	1178	

TITLE OF INVENTION: PHASE CONTINUOUS SYNTHESIZER WITH PHASE COASTING AND ASSOCIATED METHODS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	02/17/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

			or <u>Fa</u>				
INSTRUCTIONS: This fo appropriate. All further co- indicated unless corrected maintenance fee notification	below or directed otherwise	smitting the ISSU Patent, advance of in Block 1, by (a	JE FEE and PU rders and notific a) specifying a r	JBLICATION FEE (if requation of maintenance fees new correspondence address	uired). Blocks 1 through 5 s will be mailed to the current s; and/or (b) indicating a sepa	hould be completed where correspondence address as arate "FEE ADDRESS" for	
CURRENT CORRESPONDENCE	CE ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate o	f mailing can only be used for	or domestic mailings of the	
				Fee(s) Transmittal, T	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must		
27975 7.	590 11/17/2005			have its own certifica	te of mailing or transmission.	one or formal drawing, must	
ALLEN, DYER,	DOPPELT, MILBR	ATH & GILC	CHRIST P.A	L. Ce	rtificate of Mailing or Trans	smission	
1401 CITRUS CENTER 255 SOUTH ORANGE AVE P.O. BOX 3791 ORLANDO, FL 32802-3791			IUE	I hereby certify that to States Postal Service addressed to the Ma transmitted to the US	his Fee(s) Transmittal is bein with sufficient postage for fir il Stop ISSUE FEE address PTO (571) 273-2885, on the c	g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.	
OREMINDO, LE 32	2002-3771					(Depositor's name)	
						(Signature)	
							
C						(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED II	NVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/761,046	01/20/2004		John Roger C	Coleman	GCSD-1491 (51358)	1178	
TITLE OF INVENTION: P	HASE CONTINUOUS SYN	THESIZER WITH	I PHASE COAS	TING AND ASSOCIATED	METHODS		
LANCE TARRE							
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400)	\$300	\$1700	02/17/2006	
EXAM	INER	ART UN	IT	CLASS-SUBCLASS]		
LE, DINH	THANH	2816		327-113000	-		
1. Change of correspondence CFR 1.363).	e address or indication of "Fe	ee Address" (37	2. For printin	g on the patent front page, l	ist		
Change of correspond	lence address (or Change of	Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,				
Address form P10/SB/122) attached.			(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to				
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT (p	print or type)			
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion	low, no assignee of this form is NOT	data will appear Γa substitute for	on the patent. If an assign	nee is identified below, the de	ocument has been filed for	
(A) NAME OF ASSIGN	EE	(B) RESIDENCE:	(CITY and STATE OR CO	UNTRY)		
Please check the appropriate	acciones asterony or astero	rion (uvill not ho mai	intad on the nate			П а	
4a. The following fee(s) are					orporation or other private gro	oup entity Government	
☐ Issue Fee	enciosed.	40	tb. Payment of Fee(s): ☐ A check in the amount of the fee(s) is enclosed.				
	mall entity discount permitte	ለ)	Payment by credit card. Form PTO-2038 is attached.				
☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies		The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to					
· ·			Deposit Account Number (enclose an extra copy of this form).				
5. Change in Entity Status			n				
	MALL ENTITY status. See 3				LL ENTITY status. See 37 CF		
NOTE: The Issue Fee and Printerest as shown by the reco	is requested to apply the Issu ablication Fee (if required) wards of the United States Pate	e Fee and Publicat rill not be accepted nt and Trademark	ion Fee (if any) of from anyone of Office.	or to re-apply any previous her than the applicant; a reg	y paid issue fee to the applica istered attorney or agent; or th	tion identified above. te assignee or other party in	
Authorized Signature			Date				
Typed or printed name			Registration No.				
This collection of information	n is required by 37 CFR 1.31	1. The information	n is required to o	btain or retain a henefit hy	he nublic which is to file (and	hy the LISPTO to process)	
an application. Confidentialisubmitting the completed ap	ty is governed by 35 U.S.C. plication form to the USPT(122 and 37 CFR 1 D. Time will vary	.14. This collect depending upon	tion is estimated to take 12 the individual case. Any co	the public which is to file (and minutes to complete, including mements on the amount of ting	g gathering, preparing, and ne you require to complete	

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/761,046	10/761,046 01/20/2004 John Roger		GCSD-1491 (51358)	1178	
27975	7590 11/17/2005		EXAMINER		
ALLEN, DYER, DOPPELT, MILBRATH & GILCHRIST P.A. 1401 CITRUS CENTER 255 SOUTH ORANGE AVENUE P.O. BOX 3791 ORLANDO, FL 32802-3791			LE, DINH THANH		
			ART UNIT	PAPER NUMBER	
			2816		
		DATE MAILED: 11/17/2005			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 92 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 92 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.